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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

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1. (Currently Amended) A power control method of a base station in a multilayered communication system comprising:

(a) determining if a mobile station is within a soft handoff region between a macrocell region and a picocell region; and

(b) performing a power control such that a transmission power level of said mobile station is not lowered, if said mobile station is determined to be within said soft handoff region and if a soft handoff of said mobile station is required.

- 2. (Currently Amended) A-The method of claim 1, wherein in (b), the transmission power level of said mobile station is not lowered during a transmission of an extended handoff direction message and a handoff complete message.
- 3. (Currently Amended) A<u>The</u> method of claim 2, wherein in (b), a base station which provides service to said picocell performs a power control to maintain the transmission power level of said mobile station.

4. (Currently Amended) A-The method of claim 2, wherein in (b), a base station which provides service to said picocell performs a power control to increase the transmission power level of said mobile station.

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5. (Currently Amended) A-The method of claim 1, wherein in (b), a base station which provides service to said picocell performs a power control to maintain the transmission power level of said mobile station.

6. (Currently Amended) A-The method of claim 1, wherein in (b), a base station which provides service to said picocell performs a power control to increase the transmission power level of said mobile station.

7. (Currently Amended) A—The method of claim 1, wherein in (b), further comprising:

setting a reverse link coverage of said picocell is set greater than a forward link coverage of said picocell.

8. (Currently Amended) A-The method of claim 7, wherein further comprising:

controlling a level of transmission power of a base station which provides service to said picocell to set said forward link coverage relatively equal to a size of said picocell.

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9. (Currently Amended) A-The method of claim 8, wherein setting said reverse link coverage greater than said forward link coverage by comprises not attenuating signal waves when received by a base station which provides service to said picocell.

10. (Currently Amended) A-The method of claim 7, wherein setting said reverse link coverage greater than said forward link coverage by comprises not attenuating signal waves when received by a base station which provides service to said picocell.

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11. (Currently Amended) A power control method of a base station in a multilayered communication system comprising:

(a) determining if a mobile station is within a soft handoff region between a macrocell region and a picocell region;

(b) setting a reverse link coverage of said picocell greater than a forward link coverage of said picocell, if said mobile station is determined to be within said soft handoff region and if a soft handoff of said mobile station is required; and

(c) performing a power control such that a transmission power level of said mobile station is not lowered during a transmission of an extended handoff direction message and a handoff complete message, if said mobile station is determined to be within said soft handoff region and if a soft handoff of said mobile station is required.

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12. (Currently Amended) A The method of claim 11, wherein in (c), a base station which provides service to said picocell performs a power control to maintain the transmission power level of said mobile station.

13. (Currently Amended) A The method of claim 12, wherein in (b), further comprising:

controlling a level of transmission power of a base station which provides service to said picocell to set said forward link coverage relatively equal to a size of said picocell.

14. (Currently Amended) A—The method of claim 12, wherein in (b), fruther comprising:

setting said reverse link coverage greater than said forward link coverage by not attenuating signal waves when received by a base station which provides service to said picocell.

15. (Currently Amended) A-The method of claim 11, wherein in (c), a base station which provides service to said picocell performs a power control to increase the transmission power level of said mobile station.

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16. (Currently Amended) A—The_method of claim 15, wherein in (b), further comprising:

controlling a level of transmission power of a base station which provides service to said picocell to set said forward link coverage relatively equal to a size of said picocell.

17. (Currently Amended) A The method of claim 15, wherein in (b), further comprising:

setting said reverse link coverage greater than said forward link coverage by not attenuating signal waves when received by a base station which provides service to said picocell.

18. (Currently Amended) A—The method of claim 11, wherein in (b), further comprising:

controlling a level of transmission power of a base station which provides service to said picocell to set said forward link coverage relatively equal to a size of said picocell.

19. (Currently Amended) A—The method of claim 11, wherein in (b), further comprising:

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setting said reverse link coverage greater than said forward link coverage by not attenuating signal waves when received by a base station which provides service to said picocell.

20. (Currently Amended) A power control method of a base station in a multilayered communication system comprising:

(a) determining if a mobile station is within a soft handoff region between a macrocell region and a picocell region;

(b)-setting a reverse link coverage of said picocell greater than a forward link coverage of said picocell, if said mobile station is determined to be within said soft handoff region and if a soft handoff of said mobile station is required, wherein controlling a level of transmission power of a base station which provides service to said picocell to set said forward link coverage relatively equal to a size of said picocell and setting said reverse link coverage greater than said forward link coverage by not attenuating signal waves when received by said base station; and

(c) performing a power control at said base station, if said mobile station is determined to be within said soft handoff region and if a soft handoff of said mobile station is required, wherein said base station either maintains the transmission power level of said mobile station.

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